IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended)   A method for providing motion information from a compressed bit stream associated with video information to a client, the method comprising:

identifying motion information associated with a compressed bit stream;

processing motion information to generate processed motion information, including:

determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

determining motion information magnitude based at least in part on the average magnitude of motion vectors;

providing the processed motion information to the client, wherein providing the processed motion information allows the client to identify ~~video information~~ a location of interest in the bit stream based at least in part on one or more of the motion information coherence and the motion information magnitude; and

receiving from the client a selection indicating ~~of a~~ the location ~~of interest~~ in the bit stream ~~from the client~~.

2. (Original)   The method of claim 1, wherein the compressed bit stream is an MPEG compressed bit stream.

3. (Original)   The method of claim 1, wherein the processed motion information is provided to the client using color bars.

4. (Original)   The method of claim 1, wherein the processed motion information is represented using hue, brightness, and saturation.

5. (Original)   The method of claim 1, wherein the processed motion information is represented using an alarm.

6 – 8. (Cancelled)

9. (Original)   The method of claim 1, processing motion information comprises comparing motion information in the bit stream with a motion information template.

10. (Original) The method of claim 9, wherein comparing motion information comprises determining correlation between the motion information in the bit stream and the motion information template.

11. (Original) The method of claim 1, further comprising identifying scene cut information using the processed motion information.

12. (Original) The method of claim 11, further comprising providing the scene cut information to the client.

13. (Original) The method of claim 1, further comprising identifying audio information from the compressed bit stream.

14. (Original) The method of claim 13, further comprising providing the audio information to the client.

15. (Original) The method of claim 1, further comprising identifying editorial information from the compressed bit stream.

16. (Original) The method of claim 15, further comprising providing the editorial information to the client.

17. (Currently amended) A method for providing motion information from a bit stream associated with video information to a client, the method comprising:

> receiving an MPEG-compressed video bit stream representing a series of images;

> processing motion vectors of said MPEG-compressed video bit stream to produce motion information concerning said series images, including:

>> determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

>> determining motion information magnitude based at least in part on the average magnitude of motion vectors;

> displaying said motion information to a client in a graphical user interface whereby said client[[s]] acquires video information associated with the content of said series of images using said motion information is able to identify a location of interest in the bit stream based at least in part on one or more of the motion information coherence and the motion information magnitude; and

> receiving from the client a selection indicating of a the location of interest in the bit stream from the client.

18. (Original)   The method of claim 17, wherein the motion information is provided to the client using color bars.

19. (Original)   The method of claim 17, wherein the motion information is represented using hue, brightness, and saturation.

20 – 21. (Cancelled)

22. (Original)   The method of claim 17, processing motion vectors comprises comparing motion information in the bit stream with a motion information template.

23. (Original)   The method of claim 22, wherein comparing motion information comprises determining correlation between the motion information in the bit stream and the motion information template.

24. (Currently amended)   A method for providing supplemental information from a MPEG bit stream associated with video information to a client, the method comprising:

        identifying supplemental information associated with an MPEG bit stream;

        processing supplemental information to generate processed supplemental information, including:

            determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

            determining motion information magnitude based at least in part on the average magnitude of motion vectors;

        providing the processed supplemental information to the client, wherein providing the processed supplemental information allows the client to identify ~~video information~~ a location of interest in the bit stream based at least in part on one or more of the motion information coherence and the motion information magnitude; and

        receiving from the client a selection indicating ~~of a~~ the location of interest in the bit stream ~~from the client~~.

25. (Previously presented)   The method of claim 24, wherein the processed supplemental information is provided to the client using color bars.

26. (Original)   The method of claim 24, wherein the processed supplemental information is represented using hue, brightness, and saturation.

27. (Original)   The method of claim 24, wherein the processed supplemental information is represented using an alarm.

28. (Original)   The method of claim 24, wherein the processed supplemental information is processed motion information.

29. (Original)   The method of claim 24, wherein the processed supplemental information is processed audio information.

30. (Original)   The method of claim 24, wherein the processed supplemental information is processed scene cut information.

31. (Original)   The method of claim 24, wherein the processed supplemental information is processed editorial information.

32. (Currently amended)   An apparatus for providing motion information from a MPEG bit stream associated with video information to a client, the apparatus comprising:

　　means for identifying motion information associated with an MPEG bit stream;

　　means for processing motion information to generate processed motion information, including:

　　　　determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

　　　　determining motion information magnitude based at least in part on the average magnitude of motion vectors;

　　means for providing the processed motion information to the client, wherein providing the processed motion information allows the client to identify ~~video information~~ a location of interest in the bit stream based at least in part on one or more of the motion information coherence and the motion information magnitude; and

　　means for receiving from the client a selection indicating ~~of a~~ the location of interest in the bit stream ~~from the client~~.

33. (Original)   The apparatus of claim 32, wherein the processed motion information is provided to the client using color bars.

34. (Original)   The apparatus of claim 32, wherein the processed motion information is represented using hue, brightness and saturation.

35. (Currently amended)   A computer program product comprising a machine readable medium on which is provided program instructions for providing motion information from a MPEG bit stream associated with video information to a client, the computer readable medium comprising:

computer code for identifying motion information associated with an MPEG bit stream;

computer code for processing motion information to generate processed motion information, including:

determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

determining motion information magnitude based at least in part on the average magnitude of motion vectors;

computer code for providing the processed motion information to the client, wherein providing the processed motion information allows the client to identify ~~video information~~ a location of interest in the bit stream based at least in part on one or more of the motion information coherence and the motion information magnitude; and

computer code for receiving from the client a selection indicating ~~of a~~ the location of interest in the bit stream ~~from the client~~.

36. (Original)   The computer program product of claim 35, wherein the processed motion information is provided to the client using color bars.

37. (Original)   The computer program product of claim 35, wherein the processed motion information is represented using hue, brightness, and saturation.

38. (Currently amended)   An apparatus for providing motion information from a MPEG bit stream associated with video information to a client, the apparatus comprising:

an input interface configured to receive an MPEG bit stream;

memory coupled with the input interface;

a processor coupled with memory, wherein the processor is configured to identify motion information associated with an MPEG bit stream and process motion information to generate processed motion information, including:

determining motion information coherence by dividing a magnitude of averaged motion vectors by an average magnitude of motion vectors, wherein a motion vector indicates a direction of motion included with the video information; and

determining motion information magnitude based at least in part on the average magnitude of motion vectors;

an output interface coupled with the processor, the output interface configured to provide the processed motion information to the client, wherein providing the processed motion

information allows the client to identify ~~video information~~ <u>a location of interest</u> in the bit stream <u>based at least in part on one or more of the motion information coherence and the motion information magnitude</u>; and

an input interface coupled with the processor, the input interface configured to receive <u>from the client</u> a selection <u>indicating</u> ~~of a~~ <u>the</u> location <u>of interest</u> in the bit stream ~~from the client~~.

39. (Original)   The apparatus of claim 38, wherein the processed motion information is provided to the client using color bars.

40. (Original)   The apparatus of claim 38, wherein the processed motion information is represented using hue, brightness, and saturation.

41. (Original)   The apparatus of claim 38, wherein the processed motion information is represented using an alarm.

42. (Original)   The apparatus of claim 38, further comprising storing the motion information in a database.

43 – 45. (Cancelled)

46. (Original)   The apparatus of claim 38, processing motion information comprises comparing motion information in the bit stream with a motion information template.

47. (Original)   The apparatus of claim 46, wherein comparing motion information comprises determining correlation between the motion information in the bit stream and the motion information template.

48. (Original)   The apparatus of claim 38, further comprising identifying scene cut information using the processed motion information.

49. (Original)   The apparatus of claim 48, further comprising providing the scene cut information to the client.

50. (Original)   The apparatus of claim 38, further comprising identifying audio information form the MPEG compressed bit stream.

51. (Original)   The apparatus of claim 50, further comprising providing the audio information to the client.

52. (Original)   The apparatus of claim 38, further comprising identifying editorial information from the MPEG compressed bit stream.

53. (Original)   The apparatus of claim 52, further comprising providing the editorial information to the client.

54. (Currently amended)   A method for selecting a compressed bit stream using associated video information, the method comprising:

 identifying motion information associated with a plurality of compressed bit streams;

 processing motion information to generate processed motion information;

 providing the processed motion information for each of the plurality of compressed bit streams to the client, wherein providing the processed motion information allows the client to identify ~~video information in the~~ <u>a compressed</u> bit stream <u>of interest from among the plurality of compressed bit streams</u> ; and

 receiving <u>from the client</u> a selection ~~from the client of a~~ <u>indicating the</u> compressed bit stream <u>of interest</u> from among the plurality of compressed ~~video~~ bit streams.